The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Field of study: Automotive Engineering, Mechanical Engineering, Mechatronics and Robotics
Specialisations: AR, ISPA, SET, IM, MIAIA, MCT, RBT
Title awarded: Engineer
Period of study: 4 ani
Bachelor studies
SERIES 2012-2016

CURRICULA

I-st year of study, 2012/2013

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditio-nari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Calculus	MTC.101. DI. DF		2	2			5	E	5							
DI	2	Chemistry	MTC.102. DI. DF		2		1		2	E	3							
DI	3	Materials Study	MTC.103.DI.DID		2		1		4	E	3							
DI	4	Descriptive Geometry	MTC.104. DI. DF		2		1		2	C	3							
DI	5	Technical Drawing and Infographics 1	MTC.105. DI. DF		2		3		5	C	6							
DI	6	Computers Programming	MTC.106. DI. DF		2		3		4	C	5							
DI	7	Computers Programming	MTC.107. DI. DF									2	2			4	E	5
DI	8	Theoretical Mechanics	MTC.108. DI. DID									4	2	1		6	E	7
DI	9	Physics	MTC.109. DI. DF									3		1		3	E	4
DI	10	Heat Engineering and Thermal Systems 1	MTC.110. DI. DID									2	1			4	E	5
DI	11	Technical Drawing and Infographics 2	MTC.111. DI. DF									1		2		4	C	4
DI	12	Materials Technology	MTC.112. DI. DID									2		1		2	C	3
DI	13	Physical Training	MTC.113. DI. DC				1		1	VP	2			1		1	VP	2
DO	14	European Civilization	MTC.114.DO.DC– 1		2	1			2	E	3							
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			14	3	10	0	25	4E 3C 1V	30	14	5	6	0	24	4E 2C 1V	30
					27							25						

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Field of study: Automotive Engineering, Mechanical Engineering, Mechatronics and Robotics
Specializations: AR, ISPA, SET, IM, MIAIA, MCT, RBT
Title awarded: Engineer
Period of study: 4 ani
Bachelor studies
SERIES 2011-2015

CURRICULA

II-nd year of study, 2012/2013

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditio-nari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Special Mathematics	MTC.201. DI. DF		2	1			4	C	4							
DI	2	Strength of Materials 1	MTC.202. DI. DID		4	3	1		7	E	9							
DI	3	Mechanisms	MTC.203. DI. DID		4		1	2	6	E	8							
DI	4	Heat Engineering and Thermal Systems 2	MTC.204. DI. DID		2	1	2		5	E	6							
DI	5	Tolerance and Dimensional Control	MTC.205. DI. DID		2		1		2	C	3							
DI	6	MatLab Computer - Aided Numerical Analysis	MTC.206. DI. DF									2		2		1	C	3
DI	7	Strength of Materials 2	MTC.207. DI. DID									2	2	1		3	E	5
DI	8	Machine Elements	MTC.208.DI.DID									3		2	2	5	E	7
DI	9	CATIA Computer - Aided Design	MTC.209. DI.DID									1		2		2	C	3
DI	10	Tribologie	MTC.210.DI.DID									2		1		4	E	3
DI	11	Practical Training 1 (120 h - independent activity)	MTC.211.DI. DID														(C)	5
DO	12	Mechanical Vibrations	MTC.212.DO.DID-1									2	1	1		3	E	4
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			**14**	**5**	**5**	**2**	**24**	**3E**	**30**	**12**	**3**	**9**	**2**	**18**	**4E**	**30**
					26					**2C**		**26**					**3C**	

*Practical Training lasts 3 weeks 40 hours / week. in semester II, after the summer session.

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RECTOR,
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The "Gheorghe Asachi" Technical University of Iaşi, accredited public university

Faculty of Mechanical Engineering

Field of study: Automotive Engineering

Specialization: **Automotive Engineering**

Title awarded: Engineer

Period of study: 4 ani

Bachelor studies

SERIES 2010-2014

CURRICULA

III-rd year of study, 2012/2013

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditio-nari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Machine Elements 2	MTC.301.DI.DID		3		1	2	6	E	7							
DI	2	Fluid Mechanics and Hydraulic Machines	MTC.302. DI. DID		2		1		2	E	3							
DI	3	Electrical Engineering and Electrical Machines	MTC.303. DI. DID		2		1		4	E	4							
DI	4	Machines Tools and Cutting Processing	MTC.304. DI. DID		2		2		4	E	5							
DI	5	Fundamentals of Control Systems	MTC.305. DI. DID		2		1		4	C	4							
DI	6	English/French 1	MTC.306.DI.DC				2		1	C	2							
DI	7	Physical Training 3	MTC.307. DI. DC				2		1	VP	2							
DI	8	Hydraulic and Pneumatic Actions	MTC.308 DI. DID									2		1		4	E	4
DI	9	Automotives Internal Combustion Engines Processes	AR.309.DI.DS									3		1		3	E	4
DI	10	Road Vehicles Designing and Construction1	AR.310.DI.DS									4		2	2	4	E	7
DI	11	Automotives Electrical and Electronic Automotives Electrical and Electronic	AR.311.DI.DS									3		2		4	E	5
DI	12	Physical Training 4	AR. 312. DI. DC											2		1	VP	2
DI	13	Practical Training 2 (120 h - independent activity)	AR.313. DI. DID														(C)	5
DO	14	Numerical Calculus in engineering Finite Element Method	MTC.314.DO.DF–1		2		1		2	C	3							
DO		Method of Optimization	MTC.314.DO.DF–2															
DO	15	Traffic Safety Management	AR.315.DO.DS–1									2		2		1	C	3
DO		Automatic Transmissions	AR.315.DO.DS-2															
DL	16	Driving Legislation	MTC.316.DL.DC									2	1			1	C	2
DL	17	Foreign Languages	MTC.317.DL.DC				2		1	C	2							
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			13	0	11	2	24	4E	30	14	0	10	2	17	4E	30
					26					1VP		26					1VP	
										3C							1C	

*Practical Training lasts 3 weeks 40 hours / week. in semester II, after the summer session.

DECAN,	RECTOR,
Prof.dr.ing.Cezar OPRISAN	Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Field of study: Automotive Engineering
Specialization: **Engineering of Propulsion Systems for Automotive**
Title awarded: Engineer
Period of study: 4 ani
Bachelor studies
SERIES 2010-2014

CURRICULA

III-rd year of study, 2012/2013

	Nr crt	Denumirea disciplinei	Codul intern al disciplinei	Conditionari	Semestrul 5							Semestrul 6						
					Nr.ore/săpt./disciplina					Eval. finala	K	Nr.ore/săpt./disciplin					Eval. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Machine Elements 2	MTC.301.DI.DID		3		1	2	6	E	7							
DI	2	Fluid Mechanics and Hydraulic Machines	MTC.302. DI. DID		2		1		2	E	3							
DI	3	Electrical Engineering and Electrical Machines	MTC.303. DI. DID		2		1		4	E	4							
DI	4	Machines Tools and Cutting Processing	MTC.304. DI. DID		2		2		4	E	5							
DI	5	Fundamentals of Control Systems	MTC.305. DI. DID		2		1		4	C	4							
DI	6	English/French 1	MTC.306.DI.DC				2		1	C	2							
DI	7	Physical Training 3	MTC.307. DI. DC				2		1	VP	2							
DI	8	Hydraulic and Pneumatic Actions	MTC.308 DI. DID									2		1		4	E	4
DI	9	Fundamentals of Internal Combustion Engines 1	ISPA.309.DI.DS									3		1	2	4	E	6
DI	10	Automotives	ISPA.310.DI.DS									4		2	2	3	E	6
DI	11	Fuel Suply Systems	ISPA.311.DI.DS									2		2		3	C	4
DI	12	Physical Training 4	ISPA.312. DI. DC											2		1	VP	2
DI	13	Practical Training 2 (120 h - independent activity)	ISPA.313. DI. DID														(C)	5
DO	14	Numerical Calculus in engineering.Finite Element Method	MTC.314.DO.DF–1		2		1		2	C	3							
DO	15	Internal Combustion Engine Testing	ISPA.315.DO.DS - 2									2		1		2	C	3
DL	16	Driving Legislation	MTC.316.DL.DC									2	1			1	C	2
DL	17	Foreign Languages	MTC.317.DL.DC				2		1	C	2							
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			13	0	11	2	24	4E	30	13	0	9	4	17	3E	30
					26					1VP		26					2C	
										3C							1V	

*Practical Training lasts 3 weeks 40 hours / week. in semester II, after the summer session.

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university

Faculty of Mechanical Engineering

Field of study: Mechanical Engineering

Specialization: **Thermal Systems and Equipments**

Title awarded: Engineer

Period of study: 4 ani

Bachelor studies

SERIES 2010-2014

CURRICULA

III-rd year of study, 2012/2013

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditio-nari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Machine Elements 2	MTC.301.DI.DID		3		1	2	6	E	7							
DI	2	Fluid Mechanics and Hydraulic Machines	MTC.302. DI. DID		2		1		2	E	3							
DI	3	Electrical Engineering and Electrical Machines	MTC.303. DI. DID		2		1		4	E	4							
DI	4	Machines Tools and Cutting Processing	MTC.304. DI. DID		2		2		4	E	5							
DI	5	Fundamentals of Control Systems	MTC.305. DI. DID		2		1		4	C	4							
DI	6	English/French 1	MTC.306.DI.DC				2		1	C	2							
DI	7	Physical Training 3	MTC.307. DI. DC				2		1	VP	2							
DI	8	Hydraulic and Pneumatic Actions	MTC.308 DI. DID									2		1		4	E	4
DI	9	Transfer de caldura	SET.309.DI.DIS									3		1	2	2	E	5
DI	10	Compressors	SET.310.DI.DIS									2		1	1	3	E	4
DI	11	Internal Combustion Engines	SET.311.DI.DIS									4		2	2	4	E	7
DI	12	Physical Training 4	SET.312. DI. DC											2		1	VP	2
DI	13	Practical Training 2 (120 h - independent activity)	SET.313. DI. DID														(C)	5
DO	14	Numerical Calculus in	MTC.314.DO.DF–1		2		1		2	C	3							
DO		Methods of Optimization	MTC.314.DO.DF–2															
DO	15	Air Pollution Control	SET.315.DO.DS–1									2		1		2	C	3
DO		Renewable Energy, Applications	SET.315.DO.DS–2															
DO		Thermodynamics of compressible fluids	SET.315.DO.DS-3															
DL	16	Driving Legislation	MTC.316.DL.DC									2	1			1	C	2
DL	17	Foreign Languages	MTC. 317.DL.DC				2		2	C	2							
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			**13**	**0**	**11**	**2**	**24**	**4E 1VP 3C**	**30**	**13**	**0**	**8**	**5**	**16**	**4E 1VP 1C**	**30**
					26							**26**						

*Practical Training lasts 3 weeks 40 hours / week. in semester II, after the summer session.

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Field of study: Mechanical Engineering
Specialization: **Mechanical Engineering**
Title awarded: Engineer
Period of study: 4 ani
Bachelor studies
SERIES 2010-2014

CURRICULA

III-rd year of study, 2012/2013

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditio-nari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
	1	Machine Elements 2	MTC.301.DI.DID		3		1	2	6	E	7							
	2	Fluid Mechanics and Hydraulic Machines	MTC.302. DI. DID		2		1		2	E	3							
	3	Electrical Engineering and Electrical Machines	MTC.303. DI. DID		2		1		4	E	4							
	4	Machines Tools and Cutting Processing	MTC.304. DI. DID		2		2		4	E	5							
	5	Fundamentals of Control Systems	MTC.305. DI. DID		2		1		4	C	4							
	6	English/French 1	MTC.306.DI.DC				2		1	C	2							
	7	Physical Training 3	MTC.307. DI. DC				2		1	VP	2							
DI	8	Hydraulic and Pneumatic Actions	MTC.308 DI. DID									2		1		2	E	**4**
	9	Fatigues of Materials and Mechanics of Rupture	IM.309.DI.DS									2		1		2	E	**3**
	10	Mechanics of Deformable Medium	IM.310.DI.DS									2			1	2	E	**3**
	11	Physical Training 4	IM. 311. DI. DC											2		1	VP	**2**
	12	Numerical Calculus in engineering.Finite Element Method	IM.312.DI.DF		2		2		1	C	**3**							
	13	Practical Training 2 (120 h - independent activity)	IM. 313. DI. DID														(C)	**5**
	14	Elements of Plasticity	IM.314.DO.DS-1									2			1	4	C	**3**
DO	15	Internal Combustion Engines	IM.315.DO.DID-1									3		2		4	C	**5**
	16	Heat and Mass Transfer	IM.316.DO.DS–1									3		1	2	2	E	**5**
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			**13**	**0**	**12**	**2**	**23**	**4E 1V 3C**	**30**	**14**	**0**	**7**	**4**	**17**	**4E 1VP 2C**	**30**
					27							**25**						

*Practical Training lasts 3 weeks 40 hours / week. in semester II, after the summer session.

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Field of study: Mechanical Engineering
Specialization: **Machines and Installations for Agriculture and Food Industry**
Title awarded: Engineer
Period of study: 4 ani
Bachelor studies
SERIES 2010-2014

CURRICULA

III-rd year of study, 2012/2013

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditio-nari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Machine Elements 2	MTC.301.DI.DID		3		1	2	6	E	7							
DI	2	Fluid Mechanics and Hydraulic Machines	MTC.302. DI. DID		2		1		2	E	3							
DI	3	Electrical Engineering and Electrical Machines	MTC.303. DI. DID		2		1		4	E	4							
DI	4	Machines Tools and Cutting Processing	MTC.304. DI. DID		2		2		4	E	5							
DI	5	Fundamentals of Control Systems	MTC.305. DI. DID		2		1		4	C	4							
DI	6	English/French 1	MTC.306.DI.DC				2		1	C	2							
DI	7	Physical Training 3	MTC.307. DI. DC				2		1	VP	2							
DI	8	Hydraulic and Pneumatic Actions	MTC.308 DI. DID									2		1		4	E	4
DI	9	Propulsion Tractors and Systems of Agricultural Machines	MIAIA.309.DI.DS									3		3		3	E	5
DI	10	Machinery for soil and crop maintenance	MIAIA.310.DI.DS									3		2		4	E	5
DI	11	Harvesters	MIAIA.311.DI.DS									3		2	2	3	E	6
DI	12	Physical Training 4	MIAIA.312. DI. DC											2		1	VP	2
DI	13	Practical Training 2 (120 h - independent activity)	MIAIA.313. DI. DID														(C)	5
DO	14	Numerical Calculus in engineering.Finite Element Method	MTC.314.DO.DF–1		2		1		2	C	3							
DO		Methods of Optimization	MTC.314.DO.DF-2															
DO	15	Agrotechnics	MIAIA.315.DO.DS–1									2		1		2	C	3
DO		Raw and Microbiologic Materials for Food Industry	MIAIA.315.DO.DS-2															
DL	16	Driving Legislation	MTC.316.DL.DID									1	1			1	C	2
DL	17	Foreign Languages	MTC.317.DL.DC		1		1		1	C	2							
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			13	0	11	2	24	4E 1V 3C	30	13	0	11	2	17	4E 1V 1C	30
					26							26						

*Practical Training lasts 3 weeks 40 hours / week. in semester II, after the summer session.

DECAN,
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RECTOR,
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The "Gheorghe Asachi" Technical University of Iaşi, accredited public university

Faculty of Mechanical Engineering

Fied of study: Mechatronics and Robotics

Specialization: **Mechatronics**

Title awarded: Engineer

Period of study: 4 ani

Bachelor studies

SERIES 2010-2014

CURRICULA

III-rd year of study, 2012/2013

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditio-nari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Machine Elements 2	MTC.301.DI.DID		3		1	2	6	E	7							
DI	2	Fluid Mechanics and Hydraulic Machines	MTC.302. DI. DID		2		1		2	E	3							
DI	3	Electrical Engineering and Electrical Machines	MTC.303. DI. DID		2		1		4	E	4							
DI	4	Machines Tools and Cutting Processing	MTC.304. DI. DID		2		2		4	E	5							
DI	5	Fundamentals of Control Systems	MTC.305. DI. DID		2		1		4	C	4							
DI	6	English/French 1	MTC.306.DI.DC				2		1	C	2							
DI	7	Physical Training 3	MTC.307. DI. DC				2		1	VP	2							
DI	8	Hydraulic and Pneumatic Actions	MTC.308 DI. DID									2		1		4	E	4
DI	9	Fundamentals of Robotics	MCT.309.DI.DS									3		2		4	E	5
DI	10	Automatic Systems and Control Systems	MCT.310.DI.DS									2		1		2	E	3
DI	11	Sensorial Systems	MCT.311.DI.DS									2		1		1	C	2
DI	12	Applied Electronics	MCT.312. DI. DS									2		2		2	E	3
DI	13	Physical Training 4	MCT.313. DI. DC											2		1	VP	2
DI	14	Practical Training 2 (120 h - independent activity)	MCT.314. DI. DID														(C)	5
DO	15	Numerical Calculus in engineering.Finite Element Method	MTC.315.DO.DF–1		2		1		2	C	3							
DO		Methods of Optimization	MTC.315.DO.DF–2															
DO	16	Microcontroller, Microprocessors	MCT.316.DO.DS–1									1		2		2	C	3
DO		Automata and Microprogramming	MCT.316.DO.DS-2															
DO	17	Micromachines	MCT.317.DO.DS–1									2		1		1	C	3
DO		Power Electronics	MCT.317.DO.DS-2															
DL	18	Driving Legislation	MTC.318.DL.DC									2	1			1	C	2
DL	19	Foreign Languages	MTC. 319.DL.DC				2		1	C	2							2
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			13	0	11	2	24	4E 1V 3C	30	14	0	12	0	17	4E 3C 1V	30
					26							26						

*Practical Training lasts 3 weeks 40 hours / week. in semester II, after the summer session.

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university

Faculty of Mechanical Engineering

Fied of study: Mechatronics and Robotics

Specialization: **Robotics**

Title awarded: Engineer

Period of study: 4 ani

Bachelor studies

SERIES 2010-2014

CURRICULA

III-rd year of study, 2012/2013

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditio-nari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Machine Elements 2	MTC.301.DI.DID		3		1	2	6	E	7							
DI	2	Fluid Mechanics and Hydraulic Machines	MTC.302. DI. DID		2		1		2	E	3							
DI	3	Electrical Engineering and Electrical Machines	MTC.303. DI. DID		2		1		4	E	4							
DI	4	Machines Tools and Cutting Processing	MTC.304. DI. DID		2		2		4	E	5							
DI	5	Fundamentals of Control Systems	MTC.305. DI. DID		2		1		4	C	4							
DI	6	English/French 1	MTC.306.DI.DC				2		1	C	2							
DI	7	Physical Training 3	MTC.307. DI. DC				2		1	VP	2							
DI	8	Hydraulic and Pneumatic Actions	MTC.308 DI. DID									2		1		4	E	4
DI	9	Bazele roboticii (comun anul III-MCT)	MCT.309.DI.DS									3		2		4	E	5
DI	10	Biomecanica	RBT.310.DI.DS									2		1		1	E	3
DI	11	Sensorial Systems	MCT.311.DI.DS									2		1		2	C	2
DI	12	Applied Electronics	MCT. 312. DI. DS									2		2		2	E	3
DI	13	Physical Training 4	MTC. 313. DI. DC											2		1	VP	2
DI	14	Practical Training 2 (120 h - independent activity)	RBT.314. DI. DID														(C)	5
DO	15	Numerical Calculus in engineering.Finite Element Method	MTC.315.DO.DF–1		2		1		2	C	3							
DO		Methods of Optimization	MTC.315.DO.DF–2															
DO	16	Microcontroller, Microprocessors	MCT.316.DO.DS–1									1		2		2	C	3
DO		Automatic and Microprogramming	MCT.316.DO.DS-2															
DO	17	Micromachines	MCT.317.DO.DS–1									2		1		2	C	3
DO		Power Electronics	MCT.317.DO.DS-2															
DL	18	Driving Legislation	MTC.318.DL.DC									2	1			1	C	2
DL	19	Foreign Languages	MTC. 319. DL.DC				2		1	C	2							
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			13	0	11	2	24	4E 1V 3C	30	14	0	12	0	18	4E 3C 1V	30
					26							26						

*Practical Training lasts 3 weeks 40 hours / week. in semester II, after the summer session.

DECAN,
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RECTOR,
Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Fiel of stufy: Automotive Engineering
Specialization: **Automotive Engineering**
Title awarded: Engineer
Period of study: 4 ani
Bachelor studies
SERIES 2009-2013

CURRICULA

IV-th year of study, 2012-2013

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditionari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Dynamics of Automotives	AR.401.DI.DS		4			2	4	E	6							
DI	2	Road Vehicles Designing and Construction 2	AR.402.DI.DS		3		1	1	4	E	5							
DI	3	Construction or Manufacturing of Internal Combustion Engines	AR.403.DI.DS		4			2	4	E	6							
DI	4	Foreign Languages	AR.404.DI.DS				2		1	C	2							
DI	5	Manufacture Technology	AR.405.DI.DS									3		1	1	3	E	5
DI	6	Quality Management	AR.406.DI.DS									2		1		1	C	2
DI	7	Management	AR.407.DI.DS									2		1		2	C	3
DI	8	Foreign Languages 3	AR.408.DI.DS											2		1	C	2
DI	9	Automotives Testing	AR.409.DI.DS									3		2		6	E	6
DI	10	Practice for the preparation of undergraduate work *	MTC.410. DI. DID					3	1	(C)	2				3	2	(C)	3
DI	11	Elaboration of the license (3weeksX40h/week) **	AR.411.DI.DS														(E)	(10)
DO	12	Automotives Maintenance and	AR.412.DO.DS		2		1		4	E	4							
DO	13	Automotives Fiability and Terrotechnics	AR.413.DO.DS		2		1		6	C	5							
DO	14	Fuels and Lubrificants for Automotives	AR.414.DO.DS									2		1		4	E	4
DO	15	Automotives Diagnosis	AR.415.DO.DS									2		2		5	E	5
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			15	0	5	8	24	4E 2C	30	14	0	10	4	24	4E 3C	30
					28							28						

* Rezultatele evaluării colocviului se notează cu calificativele admis/respins (A/R)
** Elaborarea şi susţinerea cu succes a lucrării de licenţă sunt apreciate cu 10 credite şi se adaugă la cele 240 de credite acumulate până la sustinerea licentei.

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
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The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Fiel of stufy: Automotive Engineering
Specialization: **Engineering of Propulsion Systems for Automotive**
Title awarded: Engineer
Period of study: 4 ani
Bachelor studies
SERIES 2009-2013

CURRICULA

IV-th year of study, 2012-2013

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditio-nari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Fundamentals of Internal Combustion Engines II	ISPA.401.DI.DS		3		1	1	4	E	5							
	2	Construction or Design of Propulsion Equipment	ISPA.402.DI.DS		3		1	1	4	E	5							
	3	Construction and Design of Internal Combustion Engines	ISPA.403.DI.DS		3		1	2	6	E	7							
	4	Foreign Languages	ISPA.404.DI.DC				2		1	C	2							
	5	Manufacture Technology	MTC.408 .DI.DID									3		1	1	3	E	5
	6	Quality Management	MTC.409.DI.DID									2		1		1	C	2
	7	Management	MTC.410. DI. DID									2		1		2	C	3
	8	Foreign Languages 3	ISPA.408.DI.DC											2		1	C	2
	9	Hybrid Vehicles and Unconventional Propulsion Systems	ISPA.409.DI.DS									2			1	4	E	4
	10	Practice for the preparation of undergraduate work *	ISPA.410.DI.DS					3	1	(C)	2				3	2	(C)	3
	11	Elaboration of the license (3weeksX40h/week) **	ISPA.411.DI.DS														(E)	(10)
DO	12	Propulsion Systems Diagnosis	ISPA.412.DO.DS-1		2		2		6	C	6							
	13	Turbine Propulsion Engines	ISPA.413.DO.DS-1		2			1	2	C	3							
	14	Maintenance and Repairing propulsion Systems	ISPA.414.DO.DS-1									2		2		3	E	5
	15	Systems and Methods for Automotive Safety	ISPA.415.DO.DS-2									3		2		6	E	6
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			**13**	**0**	**7**	**8**	**24**	**3E 3C**	**30**	**14**	**0**	**9**	**5**	**22**	**4E 3C**	**30**
					28							**28**						

* Rezultatele evaluării colocviului se notează cu calificativele admis/respins (A/R)
** Elaborarea şi susţinerea cu succes a lucrării de licenţă sunt apreciate cu 10 credite şi se adaugă la cele 240 de credite acumulate până la susţinerea licenţei.

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Field of study: Mechanical Engineering
Specialization: **Thermal Systems and Equipments**
Title awarded: Engineer
Period of study: 4 ani
Bachelor studies
SERIES 2009-2013

CURRICULA

IV-th year of study, 2012-2013

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditio-nari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Refrigerating Machines	SET.401.DI.DS		3		2	1	6	E	7							
DI	2	Steam Generators	SET.402.DI.DS		3		2	2	6	E	8							
DI	3	Gas and Steam Turbines	SET.403.DI.DS		3		1	2	6	E	7							
DI	4	Design and Computation of Refrigerating Machines	SET.404.DI.DS									2			1	2	E	3
DI	5	Turbines and Steam Boilers Designing and Computation	SET.405.DI.DS									2		1	1	3	E	4
DI	6	Foreign Languages 2	MTC.406.DI.DC				2		1	C	2							
DI	7	Foreign Languages 3	MTC.407.DI.DC											2		1	C	2
DI	8	Manufacture Technology	MTC.408.DI.DID									3		1	1	3	E	5
DI	9	Quality Management	MTC.409.DI.DID									2		1		3	C	2
DI	10	Management	MTC.410. DI. DID									2		1		3	C	3
DI	11	Practice for the preparation of undergraduate work *	MTC.411. DI. DID					3	1	(C)	2				3	2	(C)	3
DI	12	Elaboration of the license (3weeksX40h/week) **	SET.412.DI.DS														(E)	(10)
DO	13	Turbine Propulsion Systems	SET.413.DO.DS-1									2		1		4	C	4
		Heat Devices	SET.413.DO.DS-2															
		Termal Power Stations	SET.413.DO.DS-3															
DO	14	Artificial Refrigeration Utilization	SET.414.DO.DS-1									2		1		3	E	4
		Heat Pumps	SET.414.DO.DS-2															
DO	15	Adjusting and Power of Internal Combustion Engines	SET.415.DO.DS-1		2		1		4	C	4							
		Electric and Hybrid Vehicles	SET.415.DO.DS-2															
		Automotive Propulsion Systems	SET.415.DO.DS-3															
DL	16	Work safety legislation	MTC.416.DL.DC		2	1				C	3							
DL	17	Economics Engineering	MTC.417.DL.DC		2	1				C	3							
DL	18	Exergoeconomy	MTC.418.DL.DC									2	1				C	3
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			**11**	**0**	**8**	**8**	**24**	**3E 2C**	**30**	**15**	**0**	**8**	**6**	**24**	**4E 4C**	**30**
					27							**29**						

* Rezultatele evaluării colocviului se notează cu calificativele admis/respins (A/R)
** Elaborarea şi susţinerea cu succes a lucrării de licenţă sunt apreciate cu 10 credite şi se adaugă la cele 240 de credite acumulate până la susţinerea licenţei.

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Field of study: Mechanical Engineering
Specialization: **Mechanical Engineering**
Title awarded: Engineer
Period of study: 4 ani
Bachelor studies
SERIA 2009-2013

CURRICULA

IV-th year of study, 2012-2013

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditio-nari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Acquisition Systems and Interface	MCT.401.DI.DS		2		1		3	C	**3**							
DI	2	Aided Analysis and Design of Mechanical Systems	IM.402.DI.DS		2			3	4	E	**5**							
DI	3	Aided Analysis and Design of Mechanical Systems	IM.403.DI.DS									2			2	3	E	**5**
DI	4	Manufacture Technology	MTC.408.DI.DID									3		1	1	3	E	**5**
DI	5	Quality Management	MTC.409.DI.DID									2		1		1	C	**2**
DI	6	Foreign Languages 2	IM. 406.DI.DC				2		1	C	**2**							
DI	7	Foreign Languages 3	IM. 407.DI.DC											2		1	C	**2**
DI	8	Management	MTC. 410 DI. DID									2		1		2	C	**3**
DI	9	Practice for the preparation of undergraduate work *	IM.409.DI.DS					3	1	(C)	2				3	2	(C)	**3**
DI	10	Elaboration of the license (3weeksX40h/week) **	IM.410.DI.DS														(E)	(10)
DO	11	Turbomachines	IM.411.DO.DS-1		3		1	1	5	E	**6**							
DO	12	Polymers : Proprieties and Processing	IM.412.DO.DS-2		2		1		3	E	**4**							
DO	13	Defectoscopy	IM.413.DO.DS-1									1		2			E	**4**
DO	14	Energy Audit	IM.414.DO.DS-2		2			1	4	C	**4**							
DO	15	Fundamentals of Robotics	IM.415.DO.DS-1									3		2		4	E	**6**
DO	16	Reliability of Mechanical Systems	IM.416.DO.DS-1		2		2		3	E	**4**							
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			**13**	**0**	**7**	**8**	**24**	**4E 3C**	**30**	**13**	**0**	**9**	**6**	**16**	**4E 3C**	**30**
					28							**28**						

* Rezultatele evaluării colocviului se notează cu calificativele admis/respins (A/R)
** Elaborarea şi susţinerea cu succes a lucrării de licenţă sunt apreciate cu 10 credite şi se adaugă la cele 240 de credite acumulate până la susţinerea licenţei.

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Field of study: Mechanical Engineering
Specialization: **Machines and Installations for Agriculture and Food Industry**
Title awarded: Engineer
Period of study: 4 ani
Bachelor studies
SERIA 2009-2013

CURRICULA

IV-th year of study, 2012-2013

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditio-nari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Operations and Technologies for Food Industry	MIAIA.401.DI.DS		2		1		2	C	3							
DI	2	Foreign Languages	MTC.406;407.DI.DC				2		1	C	2			2		1	C	2
DI	3	Equipments for Mill and Bakery Activity	MIAIA.403.DI.DS		3		1	1	5	E	6							
DI	4	Equipments for Mill and Bakery Activity Equipments	MIAIA.404.DI.DS		2		1	1	5	E	5							
DI	5	Machines and Installations for Recycling Waste Product and Agriculture and Food Industry	MIAIA.405 .DI.DS									2		2		5	E	5
DI	6	Manufacture Technology	MTC.408.DI.DID									3		1	1	3	E	5
DI	7	Quality Management	MTC.409. DI. DID									2		1		1	C	2
DI	8	Management	MTC.410.DI.DID									2		1		2	C	3
DI	9	Heating Machines and Installations for Agriculture and Food Industry	MIAIA.409.DI.DS									2		2		5	E	5
DI	10	Practice for the preparation of undergraduate work *	MTC.411. DI. DID					3	1	(C)	2				3	2	(C)	3
DI	11	Elaboration of the license (3weeksX40h/week) **	MIAIA.412.DI.DS														(E)	(10)
DO	12	Operational Transport in Agriculture and Food Industry	MIAIA.412.DO.DS-2		2		1		4	C	4							
DO	13	Installations for Extractive and Fermentative Industry	MIAIA.413.DO.DS-2		2		1	1	3	E	4							
DO	14	Machines and Installations for Processing Fruits and Vegetables	MIAIA.414.DO.DS-2		2		1	1	3	E	4							
DO		Machines for Animal Products Processing	MIAIA.415.DO.DS-2															
DL	16	Work safety legislation	MTC.416.DL.DC		2	1				C	3							
DL	17	Economics Engineering	MTC.417.DL.DC		2	1				C	3							
DL	18	Exergoeconomy	MTC.418.DL.DC									2	1				C	3
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			**13**	**0**	**8**	**7**	**24**	**4E 3C**	**30**	**11**	**0**	**9**	**4**	**19**	**4E 3C**	**25**
					28							**24**						

* Rezultatele evaluării colocviului se notează cu calificativele admis/respins (A/R)
** Elaborarea şi susţinerea cu succes a lucrării de licenţă sunt apreciate cu 10 credite şi se adaugă la cele 240 de credite acumulate până la susţinerea licenţei.

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
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The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Fied of study: Mechatronics and Robotics
Specialization: **Mechatronics**
Title awarded: Engineer
Period of study: 4 ani
Bachelor studies
SERIA 2009-2013

CURRICULA

IV-th year of study, 2012-2013

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditio-nari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Acquisition Systems and Interfaces	MCT.401. DI. DS		2		1		2	C	3							
	2	English2	MCT.406.DI.DC				2		1	C	2							
	3	Peripheral Equipments and Birotics	MCT.403.DI.DS		2		2		5	E	5							
	4	Mechatronic Systems Design	MCT.404.DI.DS		2			2	4	E	5							
	5	Automotive Mechatronics	MCT.405. DI. DS		2		1		4	C	3							
	6	English 3	MTC.407.DI.DC											2		1	C	2
	7	Manufacture Technology	MTC.408.DI.DID									3		1	1	3	E	5
	8	Quality Management	MTC.409.DI.DID									2		1		1	C	2
	9	Management	MTC.410.DI. DID									2		1		2	C	3
	10	Practice for the preparation of undergraduate work *	MTC.410. DI. DID					3	2	(C)	2				3	2	(C)	3
	11	Elaboration of the license (3weeksX40h/week) **	MCT.411.DI.DIS														(E)	(10)
DO	12	Mechatronic Systems Driving	MCT.412.DO.DS-1		3		2	1	4	E	6							
		Robots Driving	RBT.412.DO.DS-2															
	13	Dynamics of Mechatronic Systems	MCT.413.D0.DS-1		2		1		4	E	4							
		Robots Dynamics	MCT.413.D0.DS-2															
	14	Dynamics of mechatronic systems Mechatronic structures with PLC	MCT.414.D0.DS-1									2		1		4	E	4
		Electropneumatic and Pneumatic Automation	MCT.414.D0.DS-2															
	15	Software for Mechatronics Szstems	MCT.415.D0.DS-1									2		2		3	E	5
		Programming Languages for Robots	RBT.415.D0.DS-2															
	16	Mechatronic Systems Design	MCT.416.D0.DS-1									3			2	6	E	6
		Robots Design	RBT.416.D0.DS-2															
DL	16	Work safety legislation	MTC.416.DL.DC		2	1				C	3							
	17	Economics Engineering	MTC.417.DL.DC		2	1				C	3							
	18	Exergoeconomy	MTC.418.DL.DC									2	1				C	3
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			**13**	**0**	**9**	**6**	**26**	**4E 3C**	**30**	**14**	**0**	**8**	**6**	**22**	**4E 3C**	**30**
					28							**28**						

* Rezultatele evaluării colocviului se notează cu calificativele admis/respins (A/R)
** Elaborarea şi susţinerea cu succes a lucrării de licenţă sunt apreciate cu 10 credite şi se adaugă la cele 240 de credite acumulate până la susţinerea licenţei.

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Fied of study: Mechatronics and Robotics
Specialization: **Robotics**
Title awarded: Engineer
Period of study: 4 ani
Bachelor studies
SERIA 2009-2013

CURRICULA

IV-th year of study, 2012-2013

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditio- nari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Acquisition Systems and Interfaces	MTC.401.DI.DS		2		1		2	C	3							
DI	2	English 2	MTC.406.DI.DC				2		1	C	2							
DI	3	Mobile Robots	RBT.403.DI.DS		3		1	1	6	E	5							
DI	4	Biomimetica sistemului locomotor	RBT.404.DI.DS		2			1	4	C	4							
DI	5	English 3	MTC.407.DI.DC											2		1	C	2
DI	6	Manufacture Technology	MTC.408.DI.DID									3		1	1	3	E	5
DI	7	Quality Management	MTC.409.DI.DID									2		1		1	C	2
DI	8	Management	MTC.410.DI. DID									2		1		2	C	3
DI	9	Practice for the preparation of undergraduate work *	MTC.411. DI. DID					3	1	(C)	2				3	2	(C)	3
DI	10	Elaboration of the license (3weeksX40h/week) **	RBT.410.DI.DS														(E)	(10)
DO	11	Mechatronic Systems Driving	RBT.411.DO.DS-1		3		2	1	4	E	6							
DO		Robots Driving	MCT.411.DO.DS-2															
DO	12	Robots Dynamics	RBT.412.D0.DS-1		2		1		4	E	4							
DO		Dynamics of Mechatronic Systems	MCT.412.D0.DS-2															
DO	13	Making and Assembling Robotic Systems	RBT.413.D0.DS-1		2		1		3	E	4							
DO		CAD-CAM-CAE Systems	RBT.413.D0.DS-2															
DO	14	Programming Languages for Robots	RBT.414.D0.DS-1									2		2		5	E	5
DO		Software for Mechatronics Szstems	MCT.414.D0.DS-2															
DO	15	Robots Design	MCT.415.D0.DS-1									3			2	6	E	6
DO		Mechatronic Systems Design	RBT.415.D0.DS-2															
DO	16	Services Robots	RBT.416.D0.DS-1									2			1	4	E	4
DO		Parallel Robots	RBT.416.D0.DS-2															
DL	16	Work safety legislation	MTC.416.DL.DC		2	1				C	3							
DL	17	Economics Engineering	MTC.417.DL.DC		2	1				C	3							
DL	18	Exergoeconomy	MTC.418.DL.DC									2	1				C	3
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			**14**	**0**	**8**	**6**	**25**	**4E**	**30**	**14**	**0**	**7**	**7**	**24**	**4E**	**30**
					28					**3C**		**28**					**3C**	

* Rezultatele evaluării colocviului se notează cu calificativele admis/respins (A/R)
** Elaborarea şi susţinerea cu succes a lucrării de licenţă sunt apreciate cu 10 credite şi se adaugă la cele 240 de credite acumulate până la susţinerea licenţei.

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Field of study: Mechanical Engineering
Specialization: **Diagnosis and Technical Expertises in Mechanical Engineering**
Title awarded: Master
Period of study: 2 ani
Full-time

CURRICULA

1st year of study - master (2012/2013)

	Nr. crt.	Denumirea disciplinei	Codul disc.	Conditionari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./ disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Advanced Computer-Assisted Design Techniques	MTC.DI.DS.101		2			2	8	C	7							
DI	2	Experimental Data Processing	MTC.DI.DS.102		2		2		10	E	8							
DI	3	Fracture Mechanics	MDET.DI.DA.103		2		2		10	E	8							
DI	4	Advanced Elasticity and Plasticity	MDET.DI.DA.104		2			2	8	E	7							
DI	5	Project Management	MTC.DI.DS.105									2			2	8	C	7
DI	6	Risk Analysis and Expertise in Mechanical Engineering	MTC.DI.DS.106									2		2		10	E	8
DI	7	Experimental Stress Analysis	MDET.DI.DA.107									2		2		10	E	8
DO	8	ISCIR Legislation and Standards	MDET.DO.DS.108-1									2	2			8	E	7
DO	8	Norms and Standards in Mechanical Engineering	MDET.DO.DS.108-2															
DL	9	English	MTC.DL.DC.109				2		1	C	2			2		1	C	2
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			8	0	4	4	36	3C	30	8	2	4	2	36	3E	30
					16					1C		16					1C	

2nd year of study - master (2012/2013)

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditionari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./ disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Engineering Failure Analysis	MDET.DI.DA.201		2	1			6	C	6							
DI	2	Creep and Stress Relaxation in Metals	MDET.DI.DA.202		2		1		8	E	7							
DI	3	Metallographic Expertise	MDET.DI.DA.203		1		1		6	E	5							
DI	4	Structures from Composite Materials	MDET.DI.DS.204		1		1		5	E	4							
DI	5	Practical Research for Thesis Preparation	MTC.DI.DS.205					3	1	(C)*	2				3	2	(C)*	3
DO	6	Elements of advanced finite element analysis	MDET.DO.DA.206-1									2		1		8	C	6
DO	6	Finite Element Analysis in Thermoelasticity	MDET.DO.DA.206-2															
DI	7	Vibro-Acoustic Diagnose of Mechanical and Mechatronic Systems	MMCTA.DI.DA.202									2		2		8	E	8
DI	8	Lifting Equipments and Pressure Vessels Verification	MDET.DI.DA.208		2			1	8	E	6							
DI	9	Identification of Mechanical and Elastic Characteristics	MDET.DI.DS.209									2		1		8	E	7
DI	10	Residual Stresses	MDET.DI.DA.210									2		1		8	E	6
DL	11	Strategy of Professional Success	MTC.DL.DC.211		2		1		2	C	3							
DI	12	Thesis Preparation	MDET.DI.DS.212												4		(E)	(10)
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			8	1	3	4	34	4E	30	8	0	5	7	34	3E	30
					16					1C		20					1C	

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Field of study: Mechanical Engineering
Specialization: **Heat Machines, Refrigeration and Air Conditioning**

Title awarded: Master

Period of study: 2 ani

Full-time

CURRICULA

1st year of study - master (2012/2013)

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditionari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./ disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Advanced Computer-Assisted Design Techniques	MTC.DI.DS.101		2			2	8	C	7							
DI	2	Experimental Data Processing	MTC.DI.DS.102		2		2		10	E	8							
DI	3	Thermal Energy Balance and Audit	MMT.DI.DA.103		2			2	8	E	7							
DI	4	Advanced Design of Steam Generators	MMT.DI.DA.104		2			2	10	E	8							
DL	5	English 1	MTC.DI.DC.105				2		1	C	2							
DI	6	Project Management	MTC.DI.DS.106									2			2	8	C	7
DI	7	Risk Analysis and Expertise in Mechanical Engineering	MMT.DI.DS.107									2		2		10	E	8
DI	8	Transfer Processes, Modeling and Simulation	MMT.DI.DA.108									2		2		10	E	8
DO	9	Refrigeration Machinery Testing	MMT.DO.DA.109.01									2		2		8	E	7
		Refrigeration Systems Automation	MMT.DO.DA.109.02															
DL	10	English 2	MTC.DL.DC.110															
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			**8**	**0**	**2**	**6**	**36**	**3E 1C**	**30**	**8**	**0**	**6**	**2**	**36**	**3E 1C**	**30**
					16							**16**						

2nd year of study - master (2012/2013)

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditionari	Semestrul 3							Semestrul 4						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./ disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Advanced Techniques to Reduce Pollution in Thermal Systems	MMT.DI.DA.201		2	1			8	C	7							
DI	2	Exergo-Economic Optimization	MMT.DI.DA.202		2	1			8	E	7							
DI	3	Advanced Design of Turbo-machines	MMT.DI.DA.203		2			1	8	E	7							
DI	4	Cryogenics	MMT.DI.DA.204		2	1	1		7	E	7							
DL	5	Strategy of Professional Success	MMT.DI.DS.205		2		1		2	C	3							
DI	6	Practical Research for Thesis Preparation	MMI.DI.DS.206					3	1	(C)*	2				3	2	(C)*	3
DI	7	Non-convectional Thermal Machines	MMT.DI.DS.207									2			1	8	E	7
DI	8	Dynamics and Tuning of Boilers and Turbines	MMT.DI.DA.208									2		1		8	E	7
DI	9	Advanced Techniques in HVAC	MMT.DI.DA.209									2		1	1	8	E	7
DO	10	Alternative Energy Systems for Sustainable Development	MMT.DO.DS.210-1									2			1	6	C	6
		Systems with Co-generation, Tri-generation and Mixed Cycles	MMT.DO.DS.210-2															
DI	11	Thesis Preparation	MMT.DI.DS.711												4		(E)	(10)
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			**8**	**3**	**1**	**4**	**32**	**3E 1C**	**30**	**8**	**0**	**2**	**10**	**32**	**3E 1C**	**30**
					16							**20**						

(C)* Evaluarea activităţii de cercetare pentru elaborarea disertaţiei se face de către conducătorul ştiinţific cu notarea admis/respins (A/R).

**Elaborarea şi susţinerea cu succes a disertaţiei se apreciază cu 10 credite şi se adaugă la cele 120 de credite acumulate în cadrul programului de masterat până la susţinerea disertaţiei.

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Field of study: Mechanical Engineering
Specialization: **Environmental Techniques in Food Industry**
Title awarded: Master
Period of study: 2 ani
Full-time

CURRICULA

1st year of study - master (2012/2013)

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditionari	Semestrul 1 Nr.ore/săpt./disciplina C	S	L	P	SI	Ev. finala	K	Semestrul 2 Nr.ore/săpt./disciplina C	S	L	P	SI	Ev. finala	K
DI	1	Advanced Computer-Assisted Design Techniques	MTC.DI.DS.101		2			2	8	C	7							
DI	2	Experimental Data Processing	MTC.DI.DS.102		2		2		10	E	8							
DI	3	Process and Product Quality in Food Industry	MTNIA.DI.DA.103		2		2		10	E	8							
DO	4	Sustainable Development in Agriculture	MTNIA.DO.DS.104-1		2	2			8	E	7							
		Agricultural Policies and Legislation	MTNIA.DS.DS.104-2															
DI	5	Project Management	MTC.DI.DS.105									2			2	8	C	7
DI	6	Risk Analysis and Expertise in Mechanical Engineering	MTC.DI.DS.106									2		2		10	E	8
DI	7	Non-pollutant Techniques in Agriculture	MTNIA.DI.DA.107									2		2		10	E	8
DO	8	Marketing of Agricultural Production	MTNIA.DO.DA.108-1									2			2	8	E	7
		Integrated pest management	MTNIA.DO.DS.108-2															
DL	9	English	MTC.DL.DC.109				2		1	C	2			2		1	C	2
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			**8**	**2**	**4**	**2**	**36**	**3E**	**30**	**8**	**0**	**4**	**4**	**36**	**3E**	**30**
					16					**1C**		**16**					**1C**	

2nd year of study - master (2012/2013)

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditionari	Semestrul 1 Nr.ore/săpt./disciplina C	S	L	P	SI	Ev. finala	K	Semestrul 2 Nr.ore/săpt./disciplina C	S	L	P	SI	Ev. finala	K
DI	1	Alternative Energy in Agriculture and Food Industry	MTNIA.DI.DA.201		2		1		8	E	7							
DI	2	Non-pollutant Techniques in Food Industry	MTNIA.DI.DA.202		2		1		8	E	7							
DI	3	Conditioning of Agricultural and Food Industry Products	MTNIA.DI.DS.203		1		1		5	E	4							
DI	4	Research Methods and Equipments	MTNIA.DI.DS.204		2		1		7	C	6							
DI	5	Conservation of Agricultural and Food Industry Products	MTNIA.DI.DA.205		1			1	5	C	4							
DI	6	Industry Products	MTNIA.DI.DA.206									2		1		8	E	7
DI	7	Equipment Logistics for Agriculture and Food Industry	MTNIA.DI.DA.207									2			1	6	E	6
DI	8	Agriculture Techniques Optimization	MTNIA.DI.DS.208									2			1	6	E	6
DI	9	Non-polluting Refrigeration and HVAC Systems for Agriculture and	MTNIA.DI.DA.209									1		1		7	C	5
DI	10	Protected Agricultural Crops	MTNIA.DI.DS.210									1		1		3	C	3
DI	11	Practical Research for Thesis Preparation	MTNIA.DI.DS.211					3	1	(C)*	2				3	2	(C)*	3
DL	12	Strategy of Professional Success	MTC.DL.DS.212		2		1		1	C	2							
DI	13	Thesis Preparation	MTNIA.DS.213												4		(E)	(10)
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			**8**	**0**	**4**	**4**	**34**	**3E**	**30**	**8**	**0**	**3**	**9**	**32**	**3E**	**30**
					16					**2C**		**20**					**2C**	

(C)* Evaluarea activităţii de cercetare pentru elaborarea disertaţiei se face de către conducătorul ştiinţific cu notarea admis/respins (A/R).
**Elaborarea şi susţinerea cu succes a disertaţiei se apreciază cu 10 credite şi se adaugă la cele 120 de credite acumulate în cadrul programului de masterat până la susţinerea disertaţiei.

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Field of study: Automotive Engineering
Specialization: **Concept and Management of Automotive Design**
Title awarded: Master
Period of study: 2 ani
Full-time

CURRICULA

1st year of study - master (2012/2013)

	Nr. crt.	Denumirea disciplinei	Codul disc.	Semestrul 1							Semestrul 2						
				Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./ disciplina					Ev. finala	K
				C	S	L	P	SI			C	S	L	P	SI		
DI	1	Fundamentals of Automobile Design and Manufacture	MCMPA.DI.DS.101	2		1	1	6	E	6							
DI	2	Design of Modern Structures and Bodyworks	MCMPA.DI.DS.102	1			2	6	E	6							
DI	3	Materials. Behavioral Laws. Elastic and Plastic Modeling	MCMPA.DI.DS.103	2		1		6	E	6							
DI	4	Design in CATIA (automobile specific issues). Finite Elements.	MCMPA.DI.DA.104	1		1	2	6	E	6							
DI	5	Classic and Non-conventional Propulsion Groups	MCMPA.DI.DA.105	2		1		6	E	6							
DL	6	French	MCMPA.DL.DC.106		2			1	C	2							
DI	7	Automobile Electric and Electronic Equipments	MCMPA.DI.DA.107								2			1	6	E	6
DI	8	Control Systems for Automobile and Passenger Safety	MCMPA.DI.DS.108								2		1		6	E	6
DI	9	Vibro-Acoustic Diagnose	MCMPA.DI.DA.109								2		2		6	E	6
DI	10	Technical Regulations and Approval of Automobiles and Components	MCMPA.DI.DS.110								2			2	6	E	6
DI	11	Measurement and Production	MCMPA.DI.DA.111								2		1		6	E	6
DL	12	French	MCMPA.DL.DC.112		2			1	C	2		2			1	C	2
		Total ore pe săptămână, total probe şi total credite pe semestru DI.		**8**	**0**	**4**	**5**	**31**	5E	**30**	**10**	**0**	**4**	**3**	**30**	**5E**	**30**
				17							**17**						

2nd year of study - master (2012/2013)

	Nr Crt	Denumirea disciplinei	Codul disciplinei	Semestrul 1							Semestrul 2						
				Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./ disciplina					Ev. finala	K
				C	S	L	P	SI			C	S	L	P	SI		
DI	1	Initiation in Creation of New Products and Services	MCMPA.DI.DA.201	2			1	7	E	5							
DI	2	Project Management	MCMPA.DI.DA.202	2			1	7	E	5							
DI	3	Quality Management	MCMPA. DI.DS.203	2		2		3	E	6							
DI	4	Professional Communication	MCMPA. DI.DA.204	2		2		3	E	5							
DI	5	Industrial Property	MCMPA. DI.DS.205	1			1	4	E	3							
DI	6	Innovation Management and Marketing	MCMPA. DI.DA.206	1		1		4	E	3							
DI	7	Value Analysis	MCMPA. DI.DA.207	1		1		4	E	3							
DI	8	Practical Training at RTR	MCMPA. DI.DS.208										10	10		C	30
DI	9	Thesis Preparation	MCMPA. DI.DS.209													(E)	(10)
DL	10	French	MCMPA. DL.DS.210		2			3	C	3							
		Total ore pe săptămână, total probe şi total credite pe semestru la DI.		**11**		**6**	**3**	**32**	**7E**	**30**			**10**	**10**		**1C**	**30**
				20							**20**						

* Elaborarea şi susţinerea cu succes a disertaţiei se apreciază cu 10 credite şi se adaugă la cele 120 de credite acumulate în cadrul programului de masterat până la susţinerea disertaţiei.

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university

Faculty of Mechanical Engineering

Field of study: Automotive Engineering

Specialization: **Road Traffic Safety and Performances**

Title awarded: Master

Period of study: 2 ani

Full-time

CURRICULA

1st year of study - master (2012/2013)

	Nr. crt.	Denumirea disciplinei	Codul disc.	Semestrul 1							Semestrul 2						
				Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./ disciplina					Ev. finala	K
				C	S	L	P	SI			C	S	L	P	SI		
DI	1	Road Accidents Study	MSPCR. DI.DS.101	2	2	-	-		E	6							
DI	2	Surveying and Road Substructure Elements	MSPCR.DI.DS.102	2	-	1	-		E	6							
DI	3	Correlated Performances of Road Traffic Participants	MSPCR.DI.DS.103	2	2	-	-		E	6							
DI	4	Genesis and Control of Environment Pollution	MSPCR.DI.DA.104	2	-	1	-		E	6							
DI	5	Road Vehicles Dynamics	MSPCR.DI.DA.105	2	2	-	-		E	6							
DI	6	Road Transport Means Technology	MSPCR.DI.DS.106								2	-	0.5	0.5		E	7
DI	7	Control Active Systems for Vehicles Stability and Safety	MSPCR.DI.DS.107								2	-	2	-		E	8
DI	8	Technical Standars for Road Traffic Safety	MSPCR.DI.DA.108								2	-	2	-		E	8
DO	9	Vehicle Driver Psychology	MSPCR.DO.DS.109-01								2	1		-		E	7
		Multimodal Transport	MSPCR.DO.DS.109-02														
DL	10	English	MTC.DL.DC.108			2			C	2			2			C	2
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO		**10**	**6**	**2**	**0**	**0**	**5E**	**30**	**8**	**1**	**4.5**	**0.5**	**0**	**4E**	**30**
				18							**14**						

2nd year of study - master (2012/2013)

	Nr. crt.	Denumirea disciplinei	Codul disc.	Semestrul 1							Semestrul 2						
				Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./ disciplina					Ev. finala	K
				C	S	L	P	SI			C	S	L	P	SI		
DI	1	SUnconventional Propulsion and Transport Systems	MSPCR. DI.DS.201	2	-	-	2		E	9							
DI	2	Road Accident Dynamics and Expertise	MSPCR.DI.DS.202	2	-	2	-		E	9							
DI	3	Road Flows and Road Networks	MSPCR.DI.DS.203	2	-	1	-		E	6							
DI	4	Safety Road Traffic Management	MSPCR.DI.DA.204	2	1	-	-		E	6							
DI	5	Thesis Preparation	MSPCR.DI.DS.205												4	P	(10)
DI	6	Road Traffic Modelling, Systematization and Optimization	MSPCR.DI.DS.206								2	1	-	-		E	6
DI	7	Biomechanical Limits and Passive Protection of Passengers	MSPCR.DI.DS.207								2	1	-	-		E	6
DI	8	Road Vehicles Estimation and Insurances	MSPCR.DI.DS.208								2	1	-	-		E	6
DI	9	Special Materials for Road Vehicles Maintenance and Operation	MSPCR.DI.DA.209								2	-	1	-		E	6
DO	10	Automotives Service Strategies and Politics	MSPCR.DO.DS.210-01								2	1	-	-		E	6
		Information Theory and Communication Systems in Road Transport	MSPCR.DO.DS.210-02														
DL	11	Strategy of Professional Success	MSPCR.DL.DC.211	2		1			C	3							
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO		**8**	**1**	**3**	**2**	**0**	**4E**	**30**	**10**	**4**	**1**	**0**	**4**	**5E**	**30**
				14							**15**						

DECAN,

Prof.dr.ing.Cezar OPRISAN

RECTOR,

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The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Field of study: Automotive Engineering
Specialization:**Systemics of Motor Vehicles Transportation**
Title awarded: Master
Period of study: 2 ani
Full-time

CURRICULA

1st year of study - master (2012/2013)

	Nr. crt.	Denumirea disciplinei	Codul disc.	Semestrul 1							Semestrul 2						
				Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./ disciplina					Ev. finala	K
				C	S	L	P	SI			C	S	L	P	SI		
DI	1	Advanced Computer-Assisted Design Techniques	MTC.DI.DS.101	2			2	8	C	7							
DI	2	Experimental Data Processing	MTC.DI.DS.102	2		2		10	E	8							
DI	3	Sisteme de propulsie in transporturi	MSTA.DI.DA.103	2		2		8	E	7							
DI	4	Norme si sisteme de siguranta in transporturi	MSTA.DI.DS.104	2	2			10	E	8							
DI	5	Project Management	MTC.DI.DS.105								2			2	8	C	7
DI	6	Risk Analysis and Expertise in Mechanical Engineering	MTC.DI.DS.106								2		2		10	E	8
DI	7	Reconstituirea evenimentelor in trans. rutier	MSTA.DI.DA.107								2		2		10	E	8
DO	8	Comportamentul participantilor la trafic	MSTA.DO.DA.108-01								2		2		8	E	7
		Sisteme de transport inteligente	MSTA.DO.DA.108-02														
DL	9	English	MTC.DL.DC.109			2		1	C	2			2		1	C	2
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO		**8**	**2**	**4**	**2**	**36**	**3E**	**30**	**8**	**0**	**6**	**2**	**36**	**3E**	**30**
				16					**1C**		**16**					**1C**	

2nd year of study - master (2012/2013)

	Nr Crt	Denumirea disciplinei	Codul disciplinei	Semestrul 1							Semestrul 2						
				Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./ disciplina					Ev. finala	K
				C	S	L	P	SI			C	S	L	P	SI		
DI	1	Legislatia activitatii de transport	MSTA. DI.DS.201	2		1		8	C	7							
DI	2	Transporturi multimodale	MSTA. DI.DS.202	2			2	8	E	7							
DI	3	Sisteme moderne de transport a marfurilor	MSTA. DI.DA.203	2	1			8	E	7							
DI	4	Daune si asigurari in transporturi	MSTA. DI.DA.204	2		1		8	E	7							
DI	5	Sisteme de control si optimizare a traficului in transporturi	MSTA. DI.DA.205								2		1		7	E	6
DI	6	Impactul energetic a sistemelor de transport asupra resurselor energetice	MSTA. DI.DA.206								2	1			8	E	7
DI	7	Transporturi speciale	MSTA. DI.DS.207								2	2			8	E	7
DI	8	Practical Research for Thesis Preparation	MSTA.DI.DS.208				3	1	(C)*	2				3	2	(C)*	3
DO	9	Geneza si combaterea produsilor poluanti in transporturi	MSTA. DO.DA.209-01								2		1		8	C	7
		Combustibili neconventionali, regenerabili folositi in transporturi	MSTA. DO.DA.209-02														
DL	10	Strategy of Professional Success	MSTA. DL.DS.210	2		1		2	C	3							
	11	Thesis Preparation	MTC.DI.DS.211											4		(E)	(10)
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO		**8**	**1**	**2**	**5**	**33**	**3E**	**30**	**8**	**3**	**2**	**7**	**33**	**3E**	**30**
				16					**1C**		**20**					**1C**	

(C)* Evaluarea activităţii de cercetare pentru elaborarea disertaţiei se face de către conducătorul ştiinţific cu notarea admis/respins (A/R)

** Elaborarea şi susţinerea cu succes a disertaţiei se apreciază cu 10 credite şi se adaugă la cele 120 de credite acumulate în cadrul programului de masterat până la susţinerea disertaţiei.

DECAN,
Prof.dr.ing.Cezar OPRISAN

RECTOR,
Prof.dr.ing.Ion GIURMA

The "Gheorghe Asachi" Technical University of Iaşi, accredited public university
Faculty of Mechanical Engineering
Field of study: Mechanical Engineering
Specialization: **Diagnosis and Technical Expertises in Mechanical Engineering**
Title awarded: Master
Period of study: 2 ani
Full-time

CURRICULA

1st year of study - master (2012/2013)

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditionari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./ disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Advanced Computer-Assisted Design Techniques	MTC.DI.DS.101		2			2	8	C	7							
DI	2	Experimental Data Processing	MTC.DI.DS.102		2		2		10	E	8							
DI	3	Micro tehnologii	MMCTA.DI.DS.103		2		1	1	10	E	7							
DO	4	Mecatronica in domeniul serviciilor	MMCTA.DO.DA.104,01		2		2		8	E	8							
		Arhitectura sistemelor robotizate avansate	MSR.DO.DA.104,02															
DI	5	Project Management	MTC.DI.DS.105									2			2	8	C	7
DI	6	Risk Analysis and Expertise in Mechanical Engineering	MTC.DI.DS.106									2		2		10	E	8
DI	7	Microsisteme electromecanice (MEMS)	MMCTA.DI.DS.107									2		1		8	E	7
DI	8	Actuatori neconventionali	MMCTA.DI.DA.108									2		2	1	10	E	8
DL	9	English	MTC.DL.DC.109				2		1	C	2			2		1	C	2
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			8	0	5	3	36	3E 1C	30	8	0	5	3	36	3E 1C	30
					16							16						

2nd year of study - master (2012/2013)

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditionari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./ disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Echipamente mecatronice la automobile	MMCTA.DL.DA.210		2		1		9	E	7							
DI	2	Diagnosticarea vibroacustica	MMCTA.DI.DA.202									2		2		8	E	8
DO	3	Bionica	MMCTA,DO.DS.208		2		1		9	E	7							
		Strategy of Professional Success	MMCTA.DO.DS.203,02															
DO	4	Vedere artificiala	MMCTA.DO.DS.204-01									2		1		7	C	6
		Realitate virtuala	MMCTA.DO.DS.204-02															
DI	5	Practical Research for Thesis Preparation	MMCTA.DI.DS.205					3	1	(C)*	2				3	1	(C)*	3
DI	6	Inteligenta artificiala	MMCTA.DI.DA.206		2		1		7	C	6							
DI	7	Bazele cercetarii experimentale	MMCTA.DI.DA.207									2		1		8	E	7
DI	8	Modelarea si simularea structurilor mecatronice	MMCTA.DI.DA.208									2			1	8	E	6
DI	9	Tehnici avansate de analiza a materialelor din structuri mecatronice	MMCTA.DI.DA.209		2		2		10	E	8							
DL	10	Educatie pentru mecatronica	MMCTA.DL.DS.210									2		1		2	C	3
DI	11	Thesis Preparation	MMCTA.DI.DS.211												4		(E)	(10)
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			8	0	5	3	19	3E 1C	30	8	0	4	8	32	3E 1C	30
					16							20						

(C)* Evaluarea activităţii de cercetare pentru elaborarea disertaţiei se face de către conducătorul ştiinţific cu notarea admis/respins (A/R).
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CURRICULA

1st year of study - master (2012/2013)

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditionari	Semestrul 1							Semestrul 2						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./ disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Advanced Computer-Assisted Design Techniques	MTC.DI.DS.101		2			2	8	C	7							
DI	2	Experimental Data Processing	MTC.DI.DS.102		2		2		10	E	8							
DI	3	Senzori şi traductoare specifice	MSR.DI.DA.103		2		2		8	E	7							
DI	4	Arhitectura sistemelor robotizate	MSR.DI.DA.104		2		2		10	E	8							
DL	5	English	MSR.DL.DC.105				2		1	C	2							
DI	6	Project Management	MTC.DI.DS.106									2			2	8	C	7
DI	7	Risk Analysis and Expertise in Mechanical Engineering	MTC.DI.DS.107									2		2		10	E	8
DI	8	Dinamica avansată a sistemelor robotizate	MSR.DI.DA.108									3		2		10	E	8
DI	9	Microsisteme electromecanice (MEMS)	MSR.DI.DS.109									2		1		8	E	7
DL	10	English	MTC.DL.DC.110											2		1	C	2
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			**8**	**0**	**6**	**2**	**36**	**3E 1C**	**30**	**9**	**0**	**5**	**2**	**36**	**3E 1C**	**30**
					16							**16**						

2nd year of study - master (2012/2013)

	Nr. crt.	Denumirea disciplinei	Codul disciplinei	Conditionari	Semestrul 3							Semestrul 4						
					Nr.ore/săpt./disciplina					Ev. finala	K	Nr.ore/săpt./ disciplina					Ev. finala	K
					C	S	L	P	SI			C	S	L	P	SI		
DI	1	Servomecanisme	MSR.DI.DA.201		2		1	1	9	E	8							
DI	2	Metode de programare pentru sisteme robotizate	MSR.DI.DA.202		2		1		7	E	6							
DO	3	Sisteme CIM	MSR.DO.DA.203.01		2			1	10	E	8							
DO		Robotică medicală	MSR.DO.DA.203.02															
DO	4	Vedere artificială	MSR.DO.DS.204.01									2		1		7	C	6
DO	5	Realitate virtuală	MSR.DO.DS.205.02															
DL	6	Strategy of Professional Success	MSR.DL.DC.206		2		1		2	C	3							
DI	7	Practical Research for Thesis Preparation	MSR.DI.DS.207					3	1	(C)*	2				3	2	(C)*	3
DI	8	Inteligenţă artificială	MSR.DI.DA.208		2		1		7	C	6							
DI	9	Roboţi păşitori	MSR.DI.DA.209									2		1	1	9	E	8
DI	10	Sisteme de control ale roboţilor	MSR.DI.DA.210									2		1		7	E	6
DO	11	Microrobotică	MSR.DO.DS.211.01									2			1	9	E	7
DO		Roboţi cu destinatie speciala	MSR.DO.DS.211.02															
DI	12	Thesis Preparation	MSR.DI.DS.212												4		(E)	(10)
		Total ore pe săptămână, total probe şi total credite pe semestru, la DI si DO			**8**	**0**	**3**	**5**	**34**	**3E 1C**	**30**	**8**	**0**	**3**	**9**	**34**	**3E 1C**	**30**
					16							**20**						

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